



## Preface

This volume contains the papers presented at ICTCS 2015, the 16th Italian Conference on Theoretical Computer Science held on September 9–11, 2015 in Firenze.

ICTCS is the traditional meeting of the Italian Chapter of the European Association for Theoretical Computer Science (EATCS). The purpose of these meetings is fostering the cross-fertilisation of ideas stemming from different areas of theoretical computer science. Hence, they represent occasions for exchanging ideas and for sharing experiences between researchers. They also provide the ideal environment where junior researchers and PhD students can meet senior researchers.

The Italian Chapter of the EATCS was founded in 1972 and previous meetings took place in Pisa (1972), Mantova (1974 and 1989), LAquila (1992), Ravello (1995), Prato (1998), Torino (2001), Bertinoro (2003), Pontignano (2005), Roma (2007), Cremona (2009), Camerino (2010), Varese (2012), Palermo (2013), and Perugia (2014). As usual, ICTCS 2015 was open to researchers from outside Italy, who are always welcome to submit papers and attend these periodical events.

In this edition, there were 35 submitted contributions (11 of which were short contributions). Each of them was reviewed by at least 3 Program Committee members. The Committee decided to accept 15 regular and 11 short papers covering several areas of theoretical computer science. The program included one invited speakers, Luca Aceto (Reykjavik University) and a presentation given by Ugo Dal Lago (Università di Bologna), the recipient of the Young Researcher in Theoretical Computer Science Award 2015, conferred this year by the Italian Chapter. Furthermore, Ornella Dardha (University of Glasgow), the recipient of the Best PhD Thesis in Theoretical Computer Science Award 2015, assigned by the Italian Chapter, gave a talk illustrating her research.

We would like to express our gratitude to the invited speaker, to the recipients of the two Awards, and to all authors and participants. We also wish to thank the members of the Program Committee (that is, Davide Ancona, Stefano Bistarelli, Silvia Crafa, Ugo Dal Lago, Andrea Formisano, Flaminia Luccio, Marino Miculan, Luca Moscardelli, Luca Padovani, Paolo Penna, Nadia Pisanti, Alfredo Pulvirenti, Francesco Tiezzi, and Ivan Visconti) and all additional anonymous reviewers for their hard work. A special mention is due to our colleague Betti Venneri, who was in the Organizing Committee, for her invaluable contribution she gave in organizing

ICTCS 2015. We would like to give special thanks to EATCS, Università di Firenze, and Dipartimento di Statistica, Informatica, Applicazioni “G. Parenti”. Finally, we mention EasyChair that helped us in organizing the conference and producing the proceedings.

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